

State of West Virginia
Division of Environmental Protection
Section of Oil and Gas

Well Operator's Report of Well Work

Farm Name: MARSHALL L. HAYMOND

Operator Well No.: HAYMOND S-541-5

LOCATION: Elevation: 1,989'

Quadrangle: ROCK CAVE

District: BANKS

County: UPSHUR

Latitude: 14970 Feet South of 38 Deg. 50 Min. 00 Sec.

Longitude: 5590 Feet West of 80 Deg. 17 Min. 30 Sec.

Company: STALNAKER ENERGY CORPORATION
P.O. BOX 178
GLENVILLE, WV 26351-0000

Casing & Tubing Size	Used in Drilling	Left In Well	Cement Fill Up Cu. Ft.
11 3/4"	252'	252'	110 sks To Surface
8 5/8"	2534'	2534'	490 sks To Surface
4 1/2"	7251'	7251'	200 sks.

Agent: RON STALNAKER

Inspector: BILL HATFIELD

Permit Issued: 07/20/11

Well Work Commenced: 10/13/11

Well Work Completed: 10/31/11

Verbal Plugging

Permission granted on: _____

Rotary X Cable _____ Rig

Total Depth (feet) 7255'

Fresh water depths (ft) 70'

Salt water depths (ft) 2410'

Is coal being mined in area (Y / N)? N

Coal Depths (ft): NONE

OPEN FLOW DATA

Producing formation Marcellus Pay zone depth (ft) 7152' - 7236'
 Gas: Initial open flow 0 MCF / d Oil: Initial open flow 0 Bbl / d
 Final open flow 4,070 MCF / d Oil: Final open flow 0 Bbl / d
 Time of open flow between initial and final tests N/A Hours
 Static rock pressure 2050 psig (surface pressure) after 18 Hours

Second producing formation _____ Pay zone depth (ft) _____
 Gas: Initial open flow Commingled MCF / d Oil: Initial open flow _____ Bbl / d
 Final open flow Commingled MCF / d Oil: Final open flow _____ Bbl / d
 Time of open flow between initial and final tests _____ Hours
 Static rock pressure _____ psig (surface pressure) after _____ Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: STALNAKER ENERGY CORPORATION

RECEIVED
Office of Oil and GasBy: Jason M. Miller its Engineer
December 7, 2011

MAR 25 2015

WV Department of
Environmental Protection

Haymond S-541-5 (47-097-3811)
One-Stage Water Frac – Universal Well Services

1st Stage: Marcellus (120 holes) (7209' to 7229')
1750 gal 15% HCL, 100,000# 80/100
sand, 300,000#'s of 40/70 sand,
13,000 bbls slickwater.

ISIP = 1800 psig

<u>WELL LOG</u>			
Sand	0	265	
Sand & Shale	265	1221	
Sand & Shale & Red Rock	1221	1585	Hole Damp @ 40'
Big Lime	1585	1793	Hole Damp @ 2410'
Big Injun	1793	1839	
Sand & Shale	1839	4088	
Benson	4106	4121	
Sand & Shale	4121	7000	
Genasea	7000	7038	
Tully	7038	7071	
Shale	7071	7152	
Marcellus	7152	7236	
Onondaga	7236	7255	
TD	7255		

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